

In re Application of:  
Prabhu, et al.

Serial No.: 10/693,683

Confirmation No.: 3235

Filed: October 24, 2003

**For:** Polishing Processes for  
Shallow Trench Isolation  
Substrates

Group Art Unit: Unknown

Examiner: Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited on 4/27, 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

01/27/2004  
Date

Signature

Dear Sir:

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No.. 20-0782/AMAT/7985/BKH.

Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/7985/CMP/C MP/RKK	Serial No. 10/693,683
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant Prabhu, et al.	Confirmation No. 3235
(Use several sheets if necessary)		Filing Date October 24, 2003	Group Unknown
Examiner Unknown			

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,468,910	10/22/2002	Srinivasan, et al.	438	692	12/08/1999
	A2	6,435,942	08/20/2002	Jin, et al.	451	8	02/11/2000
	A3	6,435,945	08/20/2002	Somekh	451	41	02/10/1999
	A4	6,435,942	08/20/2002	Jin, et al.	451	8	02/11/2000
	A5	6,316,366	11/13/2001	Kaufman, et al.	438	693	02/14/2000
	A6	6,294,105	09/25/2001	Feeney, et al.	252	79.1	12/23/1997
	A7	6,290,580	09/18/2001	Tanaka, et al.	451	44	09/07/1999
	A8	6,276,996	08/21/2001	Chopra	451	41	11/10/1998
	A9	6,273,786	08/14/2001	Chopra, et al.	451	28	10/20/1999
	A10	6,258,721	07/10/2002	Li, et al.	438	693	12/27/1999
	A11	6,234,875	05/22/2001	Pendergrass, Jr.	451	41	06/09/1999
	A12	6,261,158	07/17/2001	Holland, et al.	451	63	12/16/1998
	A13	6,247,998	06/19/2001	Wiswesser, et al.	451	6	01/25/1999

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B1	1 068 928	01/17/2000	EP	B24B	27/04	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2	1 061 111	12/20/2000	EP	C09K	03/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B3	2000156360	06/30/1999	JP (English Abs)	H01L	21/3404	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B4	2000068371	03/03/2000	JP	H01L	21/76	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B5	99/46081	09/16/1999	WO	B24B	7/22	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	B7	98/49723	11/05/1998	WO	H01L	21/321	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B8	00/56391	09/14/2000	WO	C09K	3/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B9	00/49687	08/24/2000	WO	H01L	21/302	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B10	00/36037	06/22/2000	WO	C09G	01/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Examiner Unknown		October 24, 2003	Unknown

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	A14	6,221,118	04/24/2001	Yoshida, et al.	51	309	09/30/1997
	A15	6,206,756	03/27/2001	Chopra, et al.	451	28	11/10/1998
	A16	6,204,181	03/20/2001	Molnar	438	690	11/05/1999
	A17	6,193,790	02/27/2001	Tani	106	3	06/04/1999
	A18	6,174,814	01/16/2001	Cook, et al.	438	692	04/25/00
	A19	6,168,508	01/02/2001	Nagahara, et al.	451	527	08/25/1997
	A20	6,162,368	12/19/2000	Li, et al.	216	89	06/13/1998
	A21	6,162,112	12/19/2000	Miyazaki, et al.	451	36	06/26/1997
	A22	6,159,075	12/12/2000	Zhang, et al.	438	693	11/25/1998
	A23	6,149,830	11/21/2000	Li, et al.	216	89	09/17/1998
	A24	6,143,663	11/07/2000	Koutny, Jr.	438	691	01/22/1998
	A25	6,136,218	10/24/2000	Skrovan, et al.	252	79.1	02/26/1999
	A26	6,132,292	10/17/2000	Kubo	451	36	09/28/1998
	A27	6,114,249	09/05/2000	Canaperi, et al.	438	692	03/10/1998
	A28	6,099,604	08/08/2000	Sandhu, et al.	51	307	08/21/1997
	A29	6,091,131	07/18/2000	Cook, et al.	257	629	04/28/1998

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B11	00/30159	05/25/2000	WO	H01L	21/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B12	03/009349	01/30/2003	WO	H01L	21/3105	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER ART**

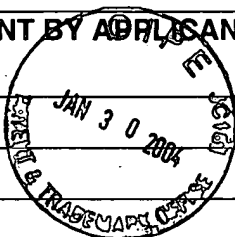
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	Gagliardi, et al. "3M SlurryFree™CMP Fixed Abrasives for Direct HDP STI COMP", Technical Brief, October 2000

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	A30	6,083,840	07/04/2000	Mravic, et al.	438	693	11/25/1998
	A31	6,068,879	05/30/2000	Pasch	427	97	08/26/1997
	A32	6,063,306	05/16/2000	Kaufman, et al.	252	79.4	06/26/1998
	A33	6,062,954	05/16/2000	Izumi	451	72	07/24/1998
	A34	6,060,395	05/09/2000	Skrovan, et al.	438	692	08/21/1998
	A35	6,054,379	04/25/2000	Yau, et al.	438	623	02/11/1998
	A36	6,046,112	04/04/2000	Wang	438	693	12/14/1998
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	A38	6,042,741	03/28/2000	Hosali, et al.	252	79.1	03/10/1998
	A39	6,019,806	02/01/2000	Sees, et al.	51	308	01/08/1998
	A40	6,001,730	12/14/1999	Farkas, et al.	438	627	10/20/1997
	A41	5,996,595	12/07/1999	Olesen, et al.	134	1.3	08/07/1997
	A42	5,996,594	12/07/1999	Roy, et al.	134	1.3	03/19/1996
	A43	5,981,396	11/09/1999	Robinson, et al.	438	692	04/07/1999
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	A45	5,968,239	10/19/1999	Miyashita, et al.	106	3	11/02/1998
	A46	5,958,794	09/28/1999	Bruxvoort, et al.	438	692	08/08/1996
	A47	5,951,724	09/14/1999	Hanawa, et al.	51	309	02/26/1998
	A48	5,951,380	09/14/1999	Kim	451	65	12/19/1997
	A49	5,934,980	08/10/1999	Koos, et al.	451	41	06/09/1997
	A50	5,932,486	08/03/1999	Cook, et al.	438	692	08/15/1997
	A51	5,922,620	07/13/1999	Shimomura, et al.	438	693	01/31/1997
	A51	5,922,136	07/13/1999	Huang	134	2	03/28/1997
	A52	5,916,016	06/29/1999	Bothra	451	398	10/23/1997
	A53	5,916,011	06/29/1999	Kim, et al.	451	41	12/26/1996
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	A55	5,897,426	04/27/1999	Somekh	451	41	04/24/1998
	A56	5,876,508	03/02/1999	Wu, et al.	134	2	03/17/1997
	A57	5,867,757	02/02/1999	Okazaki, et al.	399	262	01/23/1998
	A58	5,817,567	10/06/1998	Jang, et al.	438	427	04/07/1997
	A59	5,770,095	06/23/1998	Sasaki, et al.	216	38	07/11/1995
	A60	5,769,689	06/23/1998	Cossaboon, et al.	451	41	02/28/1996
	A61	5,759,917	06/02/1998	Grover, et al.	438	690	12/30/1996
	A62	5,738,800	04/14/1998	Hosali, et al.	216	99	02/19/1997
	A63	5,738,574	04/14/1998	Tolles, et al.	451	288	10/27/1995
	A64	5,700,383	12/23/1997	Feller, et al.	216	88	12/21/1995
	A65	5,692,950	12/02/1997	Rutherford, et al.	451	552	08/08/1996
	A66	5,614,444	03/25/1997	Farkas, et al.	437	225	06/06/1995
	A67	5,516,346	05/14/1996	Cadien, et al.	51	308	05/13/1994
	A68	5,514,245	05/07/1996	Doan, et al.	156	636.1	04/28/1995
	A69	5,453,312	09/26/1995	Haas, et al.	428	143	10/29/1993
	A70	5,395,801	03/07/1995	Doan, et al.	437	225	09/29/1993
	A71	5,378,251	01/03/1995	Culler, et al.	51	295	09/13/1993
	A72	5,368,619	11/29/1994	Culler	51	308	01/05/1994
	A73	5,342,419	08/30/1994	Hibbard	51	308	12/31/1992
	A74	5,340,370	08/23/1994	Cadien, et al.	51	308	11/03/1993
	A75	5,244,534	09/14/1993	Yu, et al.	156	636	01/24/1992
	A76	5,152,917	10/06/1992	Pieper, et al.	51	295	02/06/2001
	A77	4,752,628	06/21/1988	Payne	523	122	05/15/1997
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	A80	2001/0036738	11/01/2001	Hatanaka, et al.	438	693	06/30/1999

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